### HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

Method and System for Defining Sets by Querying Relational Data Using a Set Definition Language

# **POWER OF ATTORNEY OR AUTHORIZATION OF AGENT AND** CORRESPONDENCE ADDRESS

a H

Title

[.]

[X]

| Application Number     |                    |
|------------------------|--------------------|
| Filing Date            | ·                  |
| First Named Inventor   | Hakon Gudbjartsson |
| Group Art Unit         |                    |
| Examiner Name          |                    |
| Attorney Docket Number | 2345.2041-005      |

| [X]        | the attorneys/agents associated with Customer No. 021005   |
|------------|--|
| [ ]<br>[ ] | Practitioner(s) named below:   |
| į I        | Fractitioner(s) named below.   |
|            |  |
|            | ny/our attorneys/agents to prosecute the application identified above, and to transact all business in the Unite es Patent and Trademark Office connected therewith. |
| The        | correspondence address for the above-identified application is:  |
| [X]        | Customer Number 021005   |
|            | Hamilton, Brook, Smith & Reynolds, P.C.  |
|            | 530 Virginia Road  |
|            | P.O. Box 9133  |
|            | Concord, Massachusetts 01742-9133  |
| []         | Other  |
|            |  |
|            |  |
| Pleas      | se direct all telephone calls and facsimiles to:   |
|            | ne Mary Lou Wakimura Tel. No. 978-341-0036 Fax No. 978-341-0136  |

Authorized representative of the Assignee, deCODE Genetics ehf., of the entire interest. See 37 C.F.R.  $\S 3.71$ . A Statement under 37 C.F.R.  $\S 3.73$ (b) is enclosed. Authorized representative of an assignee together with [ ] of the entire interest. A separate Statement under 37 C.F.R. § 3.73(b) is enclosed. [ ]

SIGNATURE of Applicant or Assignee of Record JARTARSON Name Signature 2003 Date

Total of [ 1 ] forms are submitted. [x]

Applicant/Inventor.

## STATEMENT UNDER 37 C.F.R. § 3.73(b)

| Applica   | ınt(s):   | Hakon Gudbjartsson, Thorvaldur S. Arnarson, Pavol Rovensky and Vilmundur P  | almason                                 |  |  |
|-----------|---|---|---|--|--|
| Applica   | tion No.  | : Filed:  |   |  |  |
| For:      | or: METHOD AND SYSTEM FOR DEFINING SETS BY QUERYING RELATIONAL DATA USING A SET |   |   |  |  |
|           | DEFIN   | IITION LANGUAGE   |   |  |  |
| ·         | ·   | deCODE genetics ehf. , a corporation (Name of Assignee) , Type of Assignee, e.g., corporation, partnershi   | p, university, government agency, etc.) |  |  |
| states tl | nat it is   |   |   |  |  |
| A.        | [X]   | the assignee of the entire right, title and interest in the patent application identifie  | d above; or                             |  |  |
| В.        | [,]   | an assignee together with [ ] of the entire right, title and interest in the p above. A separate Statement under 37 CFR § 3.73(b) is being submitted. | atent application identified            |  |  |
| The rig   | ht, title a   | and interest of the above-named assignee in the patent application identified above is  | s established by virtue of:             |  |  |
| A. [X]    |   | ignment from the inventor(s) of the patent application identified above. The assignment of the at Reel, Frame, or a copy there                        |   |  |  |
| OR        |   |   |   |  |  |
| B.[]      | A chair   | n of title from the inventor(s) of the patent application identified above, to the curre  | nt assignee as shown below:             |  |  |
|           | 1.  | From:To:  |   |  |  |
|           |   | The document was recorded in the Patent and Trademark Office at Reel, Frame, or a copy thereof is attached.   |   |  |  |
|           | 2.  | From: To:   |   |  |  |
|           |   | The document was recorded in the Patent and Trademark Office at Reel, Frame, or a copy thereof is attached.   |   |  |  |
|           | 3.  | From:To:  |   |  |  |
|           |   | The document was recorded in the Patent and Trademark Office at Reel, Frame, or a copy thereof is attached.   |   |  |  |
|           | [ ] A   | dditional documents in the chain of title are listed on a supplemental sheet.   |   |  |  |
| The und   | dersigne  | d (whose title is supplied below) is authorized to act on behalf of the assignee.   |   |  |  |
| Date:     | JUN   | re 18, 2003   |   |  |  |
| Name:_    | JOH   | ANN MJARTARSON  |   |  |  |
| Title:_   | GEN   | ERAL COUNSEL  |   |  |  |
| Cianata   | -a. '/j;  | blum Tia Mar  |   |  |  |

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

### **Declaration for Patent Application**

[ ] Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

| METH    | OD AND SYSTEM FOR DE            | FINING SETS BY QUERYING RE  | LATIONAL      | DATA USIN      | IG A SET    |  |
|---------|---------------------------------|---|---------------|----------------|-------------|--|
| DEFIN   | NITION LANGUAGE                 |   |               | <del></del>    |             |  |
| the spe | ecification of which (check one | )   |               |                |             |  |
| [x]     | is attached hereto.             |   |               |                |             |  |
| []      | was filed on                    | as United States Application  |               |                |             |  |
|         | Number or PCT International     | al Application No   | ···           |                |             |  |
|         | and was amended on              | (if applicable).  |               |                |             |  |
| includ  |                                 | iewed and understand the contents only amendment referred to above. | of the above- | identified spe | cification, |  |

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119 or 365 of any foreign application(s) for patent or inventor's certificate, or of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

|          | <u>Pri</u> | or Foreign Application(s) | N   | ority<br>lot<br>imed | Cert:<br>Copy<br>YES | ified<br>Filed?<br>NO |
|----------|------------|---------------------------|-----|----------------------|----------------------|-----------------------|
| (Number) | (Country)  | (Day/Month/Year filed)    | . [ | ]                    | [ ]                  | [ ]                   |
| (Number) | (Country)  | (Day/Month/Year filed)    | . [ | ]                    | [ ]                  | [ ]                   |
| (Number) | (Country)  | (Day/Month/Year filed)    | . [ | ]                    | [ ]                  | [ ]                   |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| Full name of sole        |                           |                                       |
|--------------------------|---------------------------|---------------------------------------|
| or first inventor        | Hakon Gudbjartsson        | 0027                                  |
| Inventor's Signature     |                           | Date 16 june 2005                     |
| Residence                |                           | <del></del>                           |
| <u> </u>                 | 104 Reykjavik, Iceland    | · · · · · · · · · · · · · · · · · · · |
| Citizenship              |                           |                                       |
| Mailing Address          | same as above             | <u> </u>                              |
| Full name of second jo   | int                       |                                       |
| inventor, if any         | Thorvaldur S. Arnarson    |                                       |
| Inventor's Signature     | Dovelle S. Anorth         | Date 13. JUNE 2003                    |
| Residence                | Keilugranda 8             |                                       |
| · (                      | 107 Reykjavík, Iceland    |                                       |
| Citizenship              | Iceland                   |                                       |
| Mailing Address          | same as above             | · · · · · · · · · · · · · · · · · · · |
| Full name of third joint | t                         |                                       |
| inventor, if any         | Pavol Rovensky            | <u>.</u>                              |
| Inventor's Signature     | Dr. Penol Long            | Date 13.6. 2003                       |
| Residence                | Engihjalla 17             |                                       |
|                          | 200 Kopavogur, Iceland    |                                       |
| Citizenship              |                           |                                       |
| Mailing Address          | same as above             |                                       |
| Full name of fourth join | <br>nt                    |                                       |
| inventor, if any         | Vilmundur Palmason        |                                       |
| Inventor's Signature     | Oil Del.                  | Date 16. june 2003                    |
| Residence                | Hlidartuni 10             |                                       |
| ·                        | 270 Mosfellsbaer, Iceland |                                       |
| Citizenship              | Iceland                   |                                       |
| Mailing Address          | same as above             |                                       |
|                          |                           | •.                                    |